

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
USUI-13K

SERIAL NO.
10 / 616571

APPLICANT(S) Masayoshi Usui et al.

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GROUP
3629

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GM	4,832,376	5-1989	Sugao	—	✓	
GM	4,893,601	1-1990	Sugao	—	—	
GM	4,900,180	2-1990	Takikawa	—	—	
GM	5,120,084	6-1992	Hashimoto	—	—	
GM	5,143,410	9-1992	Takikawa	—	—	
GM	5,169,182	12-1992	Hashimoto	—	—	
GM	5,172,939	12-1992	Hashimoto	—	—	
GM	5,667,255	9-1997	Kato	—	—	
GM	5,887,910	3-1999	Usui	—	—	
GM	5,903,964	5-1999	Uematsu et al.	—	—	
GM	5,957,507	9-1999	Asada	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
GM	2-80289	1990	Japan	—	—		✓
GM	3-177693	1991	Japan	—	—		✓
GM	4-175462	1992	Japan	—	—		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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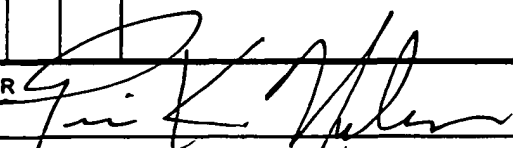
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,979,945	11-1999	Hitachi et al.	—	—	
	5,992,904	11-1999	Hitachi et al.			
	6,050,611	4-2000	Asada			
	6,070,618	6-2000	Iwabuchi			
	6,126,208	10-2000	Asada et al.			
	6,397,881	6-2002	Asada et al.			
	6,408,826	6-2002	Asada et al.			
	6,415,768	7-2002	Usui			
	6,463,909	10-2002	Asada et al.			
	6,494,183	12-2002	Usui et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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